

ANTI-RECOIL CATHETER

Abstract Of The Disclosure

A design is disclosed for a catheter assembly used during interventional and/or diagnostic procedures. The catheter includes a plurality of openings that allow for controlled fluid flow as the fluid exits the lumen of the catheter and can be inserted into the vascular system over a guidewire. As a result, the openings balance the fluid forces and, thereby, stabilize the distal tip to accommodate a wide range of injection parameters. The particular design of the catheter assembly of the present invention also reduces and/or eliminates recoil of the catheter tip during high volume injections, such as those associated with coronary or ventricular angiography.

5